

AMENDMENTS TO THE CLAIMS

27. (Currently Amended) A process for producing a packaging comprising a thermoformed film comprising thermoplastic olefins comprising thermoforming a thermoformable film at a temperature in the range from 70 to 170 °C,
wherein said thermoformable film is a monofilm or a multilayer film,
wherein said monofilm or at least one layer of said multilayer film comprises from 20 to 80 % by weight, based on the total weight of said thermoplastic polyolefins, of at least one COC having a glass transition temperature Tg in the range from 65 to 200 °C, as measured to DIN EN ISO 11357-1 with the aid of a DSC at a heating rate of 10 K/min,
wherein said thermoformed film has an improved heat distortion temperature and a high water-vapor barrier, and
wherein the heat distortion temperature of said packaging is in the range of from 60 to 200 °C.

28. (Previously Presented) The process of claim 27, wherein said COC has an average molar mass, expressed as Mw, in the range of from 500 to 2,000,000 g/mol.

29. (Previously Presented) The process of claim 27, wherein said COC has a viscosity number to DIN 53 728 in the range of from 5 to 5,000 ml/g.

30. (Previously Presented) The process of claim 27, wherein said monofilm or said multilayer film has a total thickness in the range of from 5 to 2,000 µm.

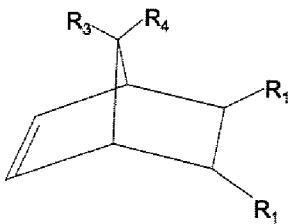
31. (Previously Presented) The process of claim 27, wherein said COC has a glass transition temperature Tg in the range of from 85 to 200 °C and wherein said monofilm or at least one layer of said multilayer film optionally comprises a mixture of COCs having different glass transition temperatures Tg.

32. (Previously Presented) The process of claim 27, wherein said thermoformable film further comprises additional polyolefins selected from the group consisting of high- or

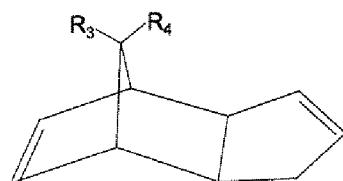
low-density polyethylenes (HDPE, LDPE, LLDPE), ethylene-vinyl acetate copolymer, ionomer, polypropylene, olefin copolymers, plastomers, and mixtures thereof.

33. (Previously Presented) The process of claim 27, wherein said thermoformable film comprises up to 40 % by weight of cut film arising during the production process in the form of regrind.
34. (Previously Presented) A packaging produced by the process of claim 27.
35. (Previously Presented) The packaging of claim 34, wherein said packaging is a blister pack.
36. (Previously Presented) The process of claim 27, wherein said thermoforming is performed at a temperature in the range of from 80 to 160 °C and the heat distortion temperature of said packaging is in the range of from 110 to 180 °C.
37. (Previously Presented) The process of claim 27, wherein said COC has an average molar mass, expressed as Mw, in the range of from 3,000 to 500,000 g/mol.
38. (Previously Presented) The process of claim 28, wherein said COC has a viscosity number to DIN 53 728 in the range of from 5 to 1,000 ml/g.
39. (Previously Presented) The process of claim 38, wherein said monofilm or said multilayer film has a total thickness in the range of from 200 to 400 µm.
40. (Previously Presented) The process of claim 27, wherein said COC has a glass transition temperature Tg in the range of from 120 to 190 °C and wherein said monofilm or at least one layer of said multilayer film optionally comprises a mixture of COCs having different glass transition temperatures Tg.
41. (Previously Presented) A packaging produced by the process of claim 40, wherein the heat distortion temperature of said packaging is in the range of from 110 to 180 °C.

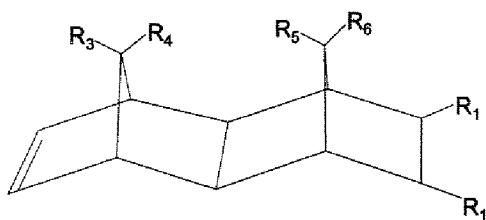
42. (Previously Presented) The process of claim 27, wherein said monofilm or at least one layer of said multilayer film comprises from 25 to 80 % by weight, based on the total weight of polyolefins, of said at least one COC.
43. (Previously Presented) The process of claim 27, wherein said COC comprises, based on the total weight of said COC, from 0.1 to 100.0 % by weight of polymerized units which are derived from at least one polycyclic olefin of formulae (I), (II), (II'), (III), (IV), (V), or (VI)



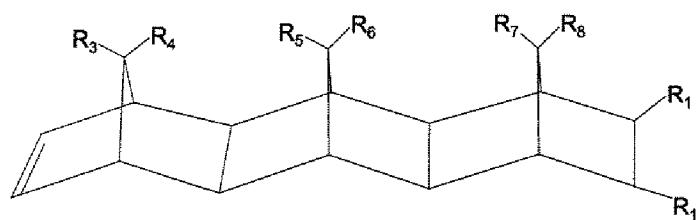
(I)



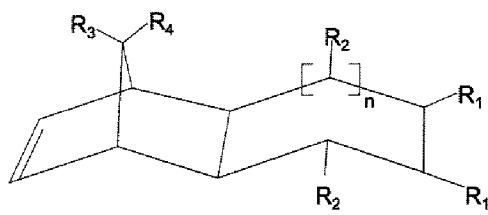
(II)



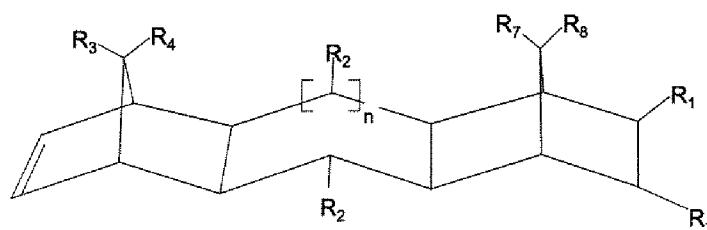
(III)



(IV)



(V)



(VI)

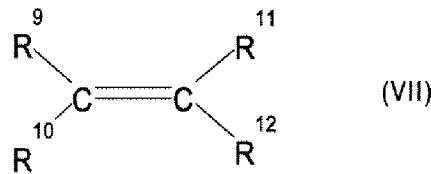
wherein

R₁, R₂, R₃, R₄, R₅, R₆, R₇, and R₈

are, identically or differently, a hydrogen atom or a C₁-C₂₀ hydrocarbon radical, or form a saturated, unsaturated or aromatic ring, and wherein identical radicals R₁, R₂, R₃, R₄, R₅, R₆, R₇, and R₈ in the various formulae (I), (II), (III), (IV), (V), and (VI) have a different meaning; and

n is an integer from 0 to 5.

44. (Previously Presented) The process of claim 27, wherein said COC comprises, based on the total weight of said COC, from 0.1 to 99.9 % by weight of polymerized units which are derived from one or more acyclic olefins of formula (VII)



wherein

R⁹, R¹⁰, R¹¹, and R¹² are, identically or differently, a hydrogen atom or a linear or branched, saturated or unsaturated C₁-C₂₀ hydrocarbon radical.

45. (Previously Presented) The process of claim 43, wherein said C₁-C₂₀ hydrocarbon radical is a linear or branched C₁-C₈-alkyl radical, a linear or branched C₆-C₁₈-aryl radical, a linear or branched C₇-C₂₀-alkylenearyl radical, or a cyclic or acyclic C₂-C₂₀-alkenyl radical.

46. (Previously Presented) The process of claim 44, wherein said C₁-C₂₀ hydrocarbon radical is a linear, branched, saturated or unsaturated C₁-C₈-alkyl radical or a C₆-C₁₈-aryl radical.